

Claims

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- 1 A method for treating premature ejaculation in patients with normal erectile function comprising administering a effective amount of a PDE5 inhibitor.
  - 2 The method according to claim 1 wherein the inhibitor is sildenafil.
  - 3 The method according to either claim 1 wherein the PDE5 inhibitor has an IC50 against the PDE5 enzyme of less than 100 nanomolar.
  - 4 The method according to claim 3 wherein the PDE5 inhibitor has a selectivity over PDE3 of greater than 100 fold.
  - 5 The method according to claim 4 wherein the PDE5 inhibitor has a selectivity over both PDE3 and PDE4 of greater than 100 fold.
  - 6 The method according to claim 5 wherein the PDE5 inhibitor has an IC50 against PDE5 of less than 100 nM and a selectivity over PDE3 of greater than 100 fold.
  - 7 The method according to claim 1 wherein the PDE5 inhibitor is selected from the group:  
5-[2-ethoxy-5-(4-methyl-1-piperazinylsulphonyl)phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one (sildenafil);  
(6R,12aR)-2,3,6,7,12,12a-hexahydro-2-methyl-6-(3,4-methylenedioxyphenyl) -pyrazino[2',1':6,1]pyrido[3,4-b]indole-1,4-dione (IC-351);  
2-[2-ethoxy-5-(4-ethyl-piperazin-1-yl-1-sulphonyl)-phenyl]-5-methyl-7-propyl-3H-imidazo[5,1-f][1,2,4]triazin-4-one (vardenafil);  
5-[2-ethoxy-5-(4-ethylpiperazin-1-ylsulphonyl)pyridin-3-yl]-3-ethyl-2-[2-methoxyethyl]-2,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one; and

5-(5-acetyl-2-butoxy-3-pyridinyl)-3-ethyl-2-(1-ethyl-3-azetidiny)-2,6-dihydro-7*H*-pyrazolo[4,3-*d*]pyrimidin-7-one and pharmaceutically acceptable salts thereof.

- 5      8      The method according to claim 1 wherein the inhibitor is administered orally.
- 9      The method according to claim 8 wherein the daily dosage is 5 to 500 mg.
- 10    10     The method according to claim 9 wherein the daily dosage is 10 to 100 mg.
11.   A method for treating premature ejaculation in patients with normal erectile function comprising administering a medicament comprising a PDE5 inhibitor.
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